



# Motor Catalog Detail

MotorMaster+ 4.0  
from US DOE

For :

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By :

05-01-2009

Manufacturer: Reliance  
Model: P21G3360  
Catalog: P21G3360  
Size (Hp): 10  
Speed(RPM): 1800  
Full Load Speed(RPM): 1763

## Efficiency (%)

Full Load: 91.7  
75% Load: 92.4  
50% Load: 92.3  
25% Load: 89.1

## Power Factor

Full Load: 82.7  
75% Load: 77.9  
50% Load: 67.9  
25% Load: 45.5

Enclosure type: Totally Enclosed Fan-Cooled

Frame No.: L215T

Voltage Rating: 230/460 volts

Definite Purpose:

U-Frame: No    Vertical Shaft: No    C-Face: No    D-Flange: No

## Torque (ft-lbs)

Full Load: 29.8  
Break Down: 87.0  
Locked Rotor: 63.0

## Amperage

Full Load: 12.3  
Idle: 4.9  
Locked Rotor: 81.0

Service Factor: 1.15

Weight (lbs): 0.0

Rotor bars: 45

Winding Resistance

(mOhm @25C): 1

Insulation Class: F

List Price (\$): \$1131

Warranty (yrs): 1.0 yr

Stator slots: 36

## Stalled Rotor

Hot: 0.00  
Cold: 0.00

## Peak Voltage

@ 0 ms: 0  
@ 5 ms: 0



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Manufacturer: Reliance  
Model: P18G3396  
Catalog: P18G3396  
Size (Hp): 5  
Speed(RPM): 1800  
Full Load Speed(RPM): 1752

## Efficiency (%)

Full Load: 89.5  
75% Load: 90.1  
50% Load: 89.4  
25% Load: 84.6

## Power Factor

Full Load: 79.7  
75% Load: 73.6  
50% Load: 62.3  
25% Load: 40.8

Enclosure type: Totally Enclosed Fan-Cooled

Frame No.: L184T

Voltage Rating: 230/460 volts

Definite Purpose:

U-Frame: No    Vertical Shaft: No    C-Face: No    D-Flange: No

## Torque (ft-lbs)

Full Load: 15.0  
Break Down: 49.3  
Locked Rotor: 35.9

## Amperage

Full Load: 6.6  
Idle: 3.0  
Locked Rotor: 46.0

Service Factor: 1.15

Weight (lbs): 0.0

Rotor bars: 45

Winding Resistance

(mOhm @25C): 3

Insulation Class: F

List Price (\$): \$749

Warranty (yrs): 1.0 yr

Stator slots: 36

## Stalled Rotor

Hot: 0.00  
Cold: 0.00

## Peak Voltage

@ 0 ms: 0  
@ 5 ms: 0